

# EC9D3-30 Microeconomics B

**24/25**

**Department**

Economics

**Level**

Taught Postgraduate Level

**Module leader**

Daniele Condorelli

**Credit value**

30

**Module duration**

9 weeks

**Assessment**

Multiple

**Study location**

University of Warwick main campus, Coventry

---

## Description

### Introductory description

EC9D3-30 Microeconomics B

[Module web page](#)

### Module aims

To enable students to acquire a rigorous understanding of key microeconomic principles, covering some of the most important topics, concepts and methods used in modern microeconomic analysis, along with relevant evidence and applications.

### Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

The syllabus may cover, but is not limited to, the following areas:

Consumer theory, producer theory, general equilibrium, equilibrium over time and under uncertainty, social choice, game theory, incomplete information, extensive games and mechanism design.

## Learning outcomes

By the end of the module, students should be able to:

- Subject Knowledge and Understanding:...demonstrate a rigorous understanding of the mathematical foundations of microeconomic analysis. The teaching and learning methods that enable students to achieve this learning outcome are: Lectures, seminars, independent study. The summative assessment methods that measure the achievement of this learning outcome are: Examination and test.
- Subject Knowledge and Understanding:...demonstrate a rigorous understanding of applications of microeconomic theory. The teaching and learning methods that enable students to achieve this learning outcome are: Lectures, seminars, independent study. The summative assessment methods that measure the achievement of this learning outcome are: Examination and test.
- Subject Knowledge and Understanding:...demonstrate a rigorous understanding of microeconomic concepts in the areas of game theory, information economics and choice under uncertainty. The teaching and learning methods that enable students to achieve this learning outcome are: Lectures, seminars, independent study. The summative assessment methods that measure the achievement of this learning outcome are: Examination and test.

## Indicative reading list

Geoffrey A. Jehle and Philip J. Reny (2011): *Advanced Microeconomic Theory*, FT/Prentice-Hall.  
Andreu Mas-Colell, Michael Whinston and Jerry Green (1995): *Microeconomic Theory*, Oxford: Oxford University Press.

Peter C Ordeshook. (2008): *Game Theory and Political Theory: An Introduction*, Cambridge University Press.

Martin J. Osborne and Ariel Rubinstein (1994) : *A Course in Game Theory*

Drew Fudenberg and Jean Tirole (1991): *Game Theory*

Vijay Krishna (2009): *Auction Theory*

Tilman Borgers (2015): *An Introduction to the Theory of Mechanism Design*

[View reading list on Talis Aspire](#)

## Subject specific skills

Students will have the opportunity to develop skills in:

Analytical thinking and communication

Analytical reasoning

Critical thinking

Strategic thinking

Problem-solving

Abstraction

Analysis of incentives

Concepts of simultaneity and endogeneity

Analysis of optimisation

Understanding of uncertainty and incomplete information

## Transferable skills

Students will have the opportunity to develop:

Numeracy and quantitative skills

IT skills

Written communication skills

Oral communication skills

Mathematical, statistical and data-based research skills

---

## Study

### Study time

Type	Required
Lectures	36 sessions of 1 hour (12%)
Seminars	8 sessions of 1 hour (3%)
Private study	256 hours (85%)
Total	300 hours

### Private study description

Private study will be required in order to prepare for seminars/classes, to review lecture notes, to prepare for forthcoming assessments, tests, and exams, and to undertake wider reading around the subject.

## Costs

No further costs have been identified for this module.

---

## Assessment

You do not need to pass all assessment components to pass the module.

### Assessment group D2

	Weighting	Study time
Test 1 Micro B	5%	
Test 2 Micro B	5%	
In-person Examination	90%	
3 hour exam plus 15 minutes reading time		

## Assessment group R1

	Weighting	Study time
In-person Examination 3 hour exam plus 15 minutes reading time	100%	

### Feedback on assessment

The Department of Economics is committed to providing high quality and timely feedback to students on their assessed work, to enable them to review and continuously improve their work. We are dedicated to ensuring feedback is returned to students within 20 University working days of their assessment deadline. Feedback for assignments is returned either on a standardised assessment feedback cover sheet which gives information both by tick boxes and by free comments or via free text comments on Tabula, together with the annotated assignment. For tests and problem sets, students receive solutions as an important form of feedback and their marked assignment, with a breakdown of marks and comments by question and sub-question. Students are informed how to access their feedback, either by collecting from the Department of Economics Postgraduate Office or via Tabula. Module leaders often provide generic feedback for the cohort outlining what was done well, less well, and what was expected on the assignment and any other common themes. This feedback also includes a cumulative distribution function with summary statistics so students can review their performance in relation to the cohort. This feedback is in addition to the individual-specific feedback on assessment performance.

[Past exam papers for EC9D3](#)

---

## Availability

### Pre-requisites

The module demands a deep understanding of core undergraduate microeconomic principles, and a good understanding of mathematical methods such as constrained optimisation.

## Courses

This module is Core optional for:

- Year 1 of TECS-C8P8 Postgraduate Taught Behavioural and Economics Science (Economics Track)
- Year 1 of TECA-L1P6 Postgraduate Taught Economics
- Year 1 of TECA-L1P7 Postgraduate Taught Economics and International Financial Economics

This module is Optional for:

- USTA-G300 Undergraduate Master of Mathematics,Operational Research,Statistics and Economics
  - Year 3 of G300 Mathematics, Operational Research, Statistics and Economics
  - Year 4 of G300 Mathematics, Operational Research, Statistics and Economics

This module is Option list B for:

- Year 4 of USTA-G300 Undergraduate Master of Mathematics,Operational Research,Statistics and Economics